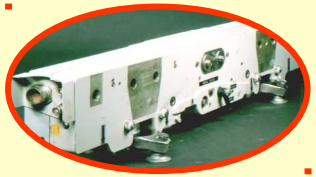
Laser Guided Training Round Industry Day

IN-SERVICE



PROGRAMS

Mr. Jim Elliott
PMA-201C1
31 August 2004

Introduction

Mary Brutkiewicz

LGTR Industry Day Agenda

- **Introductions**
  - Contract Specialist……Ms. Mary Brutkiewicz 1000 – 1010
  - LGTR Project Lead……Mr. Jim Elliott 1010 – 1030
- **LGTR Technical Overview**
  - LGTR Technical Lead……Ms. Marlena Kokkinos 1030 – 1200
- **Lunch** 1200 – 1330
- **Formal Question Period**……Technical Team 1330 – 1400
- **Break** 1400 – 1415
- **Formal Answer Period** 1415 – 1445
- **Closing Remarks** 1445 – 1500
- **One on One Sessions** 1500 – TBD

Welcome & Ground Rules

- **All attendees must sign-in**
- **Please silence cell phones and pagers**
- **No recording**

Ground Rules

- **Provide all questions in writing using the form provided**
- **Official answers to questions will be published on the NAVAIR web site:**
  - **http://www.navair.navy.mil/doing_business/open_solicitations**
- **Nothing discussed here which does not appear in an amendment will change the terms and conditions of the RFPs**

NAVAIR Solicitation Website

- **http://www.navair.navy.mil/doing_business/open_solicitations/**
  - (Click on : N00019-04-R-0157)

- **This website will post ALL contract-related information, including, but not limited to:**
  - Industry Day Brief
  - Listing of Industry Day Attendees
  - Industry Questions and Answers
  - RFP, Including All Contract Sections (B Through M), Exhibits, and Attachments

RFP/Contract Structure

- **NAVAIR anticipates releasing a Request for Proposal (RFP) in the near future.**
  - Please monitor the NAVAIR website for future postings.
- **Acquisition Strategy:**
  - Has not been finalized.
- **Contract Type:**
  - Indefinite Delivery/Indefinite Quantity, FFP
- **Contract Length:**
  - Base year with four one-year option periods

Questions and Answers

- ***Today*, questions should be submitted to the Government in writing on the forms provided.**
  - Questions may be submitted during any break or at one-on-one meetings.
- ***After today*, questions should be submitted to Mary Brutkiewicz, Contract Specialist at the following email address:**
  - Mary.Brutkiewicz@navy.mil
- **All questions and answers will be posted on the NAVAIR website.**

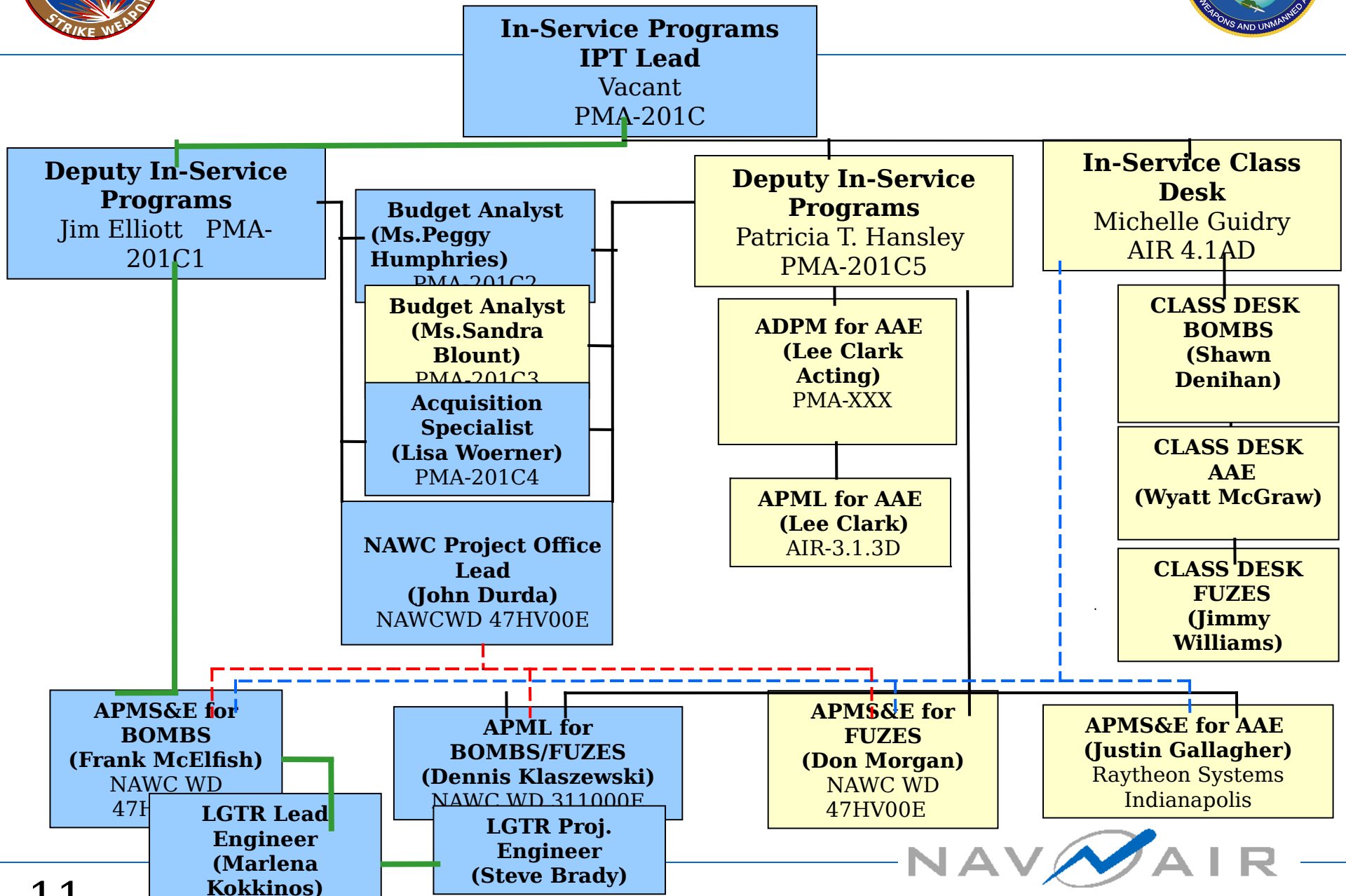
Disclaimer

Today's remarks by Government officials involved in the Laser Guided Training Round procurement should not be considered a guarantee of the Government's course of action in proceeding with the program. The information shared today reflects current Government intentions and is subject to change based on a variety of circumstances, including internal and external comments. The formal solicitation, when issued, is the only document that should be relied upon in determining the Government's requirements.

Project Overview

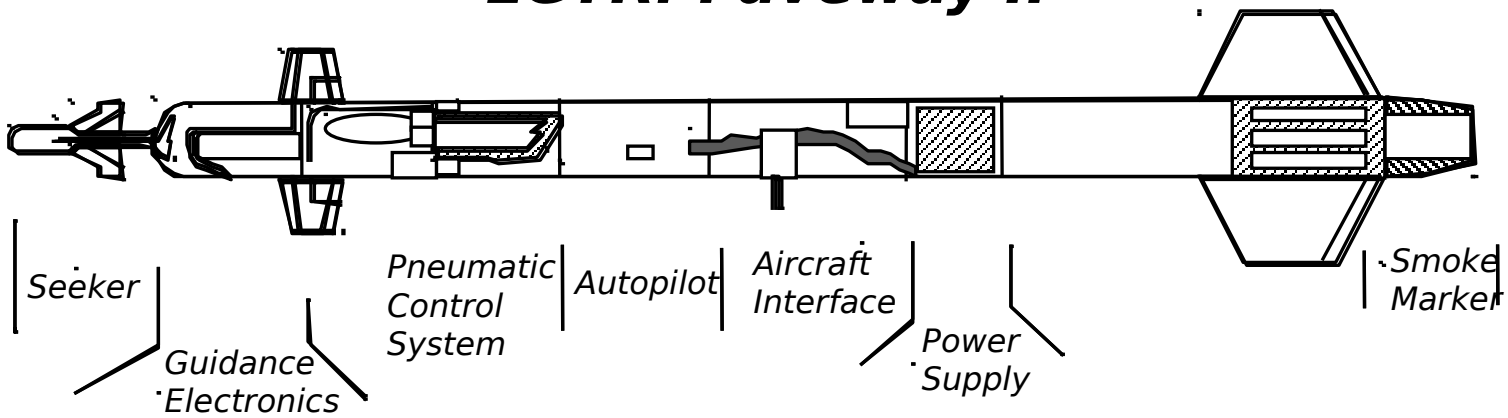
Jim Elliott

In-Service Organization

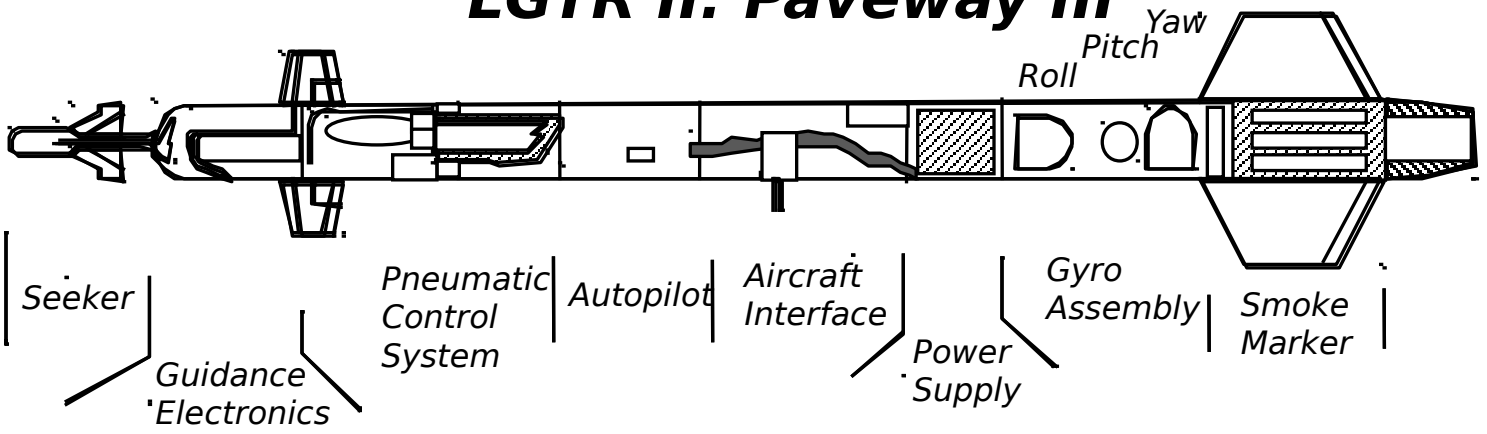


Laser Guided Training Round

LGTR: Paveway II



LGTR II: Paveway III



Procurement History

- **Jul 91** — **EMD 40 Units**
- **Aug 92** — **LRIP 1,800 LGTRs**
- **Nov 93** — **1st Production 2,000 LGTRs**
- **May 95** — **2nd Production 2,500 LGTRs**
- **May 97** — **3rd Production 1,800 LGTRs**
- **Jun 97** — **Option 1,884 LGTRs**
- **Jun 98** — **4th Production 4,200 LGTRs**
- **Aug 99** — **5th Production 22,338 LGTRs\1,000 LGTRs IIs**

Laser Guided Training Round

- **LGTR provides realistic LGB tactical employment training**
  - Release envelope and time of flight characteristics best match the envelope and time of flight of the GBU-12
  - Terminal guidance performance is comparable to the Paveway II LGB system
  - Flight certified on F/A-18, F-14 and AV-8B aircraft

- **Provides Aircrew "End-to-End" LGB Training**
  - LGTR represents Paveway II (GBU-10, 12, 16)
  - LGTR II represents Paveway III (GBU-24B/B)
    - Covers 2 out of 3 GBU-24 Modes For Training
    - Does NOT Cover GBU-24 Mode 4 Release (17 Degree Line-Of- Sight, Less 3,000 Feet) Currently NOT in-production.

PB05 Procurement

	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
Quantity	13,156	10,867	7,941	8,946	9,000
$M	$29.0	$24.5	$18.4	$21.3	$22.0

Requirement

- **Procurements Based on NCEA of 8,000 per year**
  - –Current LGTR deliveries on track at 600 per month

Technical Requirements

Marlena Kokkinos

Provided Data

- **Automated Data List (ADL) AS 6178:**
  - Lists Performance Specification and Drawings provided to offerors
  - AS 6178 provides the performance, functional and verification requirements that the LGTR has to meet
  - 561648 (Firing Pin Assembly) is a “build-to-print” item
  - 923AS390 is the ICD that the LGTR has to meet
  - 923AS398 provides the LGTR Marking requirements
  - GFM: MK14 Lug and Metal Container Drawings
  - Signal Cartridge Drawings are “For Information Only”
  - SPI-PHST-210 provides LGTR Metal Container Packing Instructions
  - 53711-7516302 is the LGTR Metal Container Palletizing Procedure

Provided Data (cont'd)

- **ADL Exceptions / Additions:**
  - Page 5 of ADL provides exceptions to the Firing Pin Drawings
  - Pages 5 and 6 adds to the Performance Specification
    - Adds the requirement of delivering the LGTR in a Wooden Container
    - Adds the requirement of Packing and Marking to both the LGTR and the Container.

Performance Requirements

- **AS 6178 provides performance requirements for the LGTR and the expected verification methods.**

- **What we are procuring is a Paveway II Emulator:**
  - 42 months of shelf-life
  - 85% reliability
  - No “O” or “I”-level maintenance requirements
  - Compatible with AV-8, F-14 and F-18 A/C

Verification Requirements

- **No safe separation testing is required if proposed item meets Performance Specification and ICD**
- **First Article Test (FAT) Requirements: Section 4 and Table 7**
- **FAT testing**
  - Environmental - 8
  - Electromagnetic Environments - 2
  - Flight Test 20 of the F/A-18 and and at release conditions of Table 6
  - Catapults and Arrested Landing - 1
- **LAT Requirements: Section 4 and Table 7**

Other Requirements

- **WSESRB Approvals**
  - System Safety, HERO, ESD, Lightening, Software Safety Requirements.
- **Flight Clearance Requirements**
  - Structural Analysis and Testing
- **Wooden Container Data**
- **Logistical Documentation Requirements**

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